

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
18 October 2001 (18.10.2001)

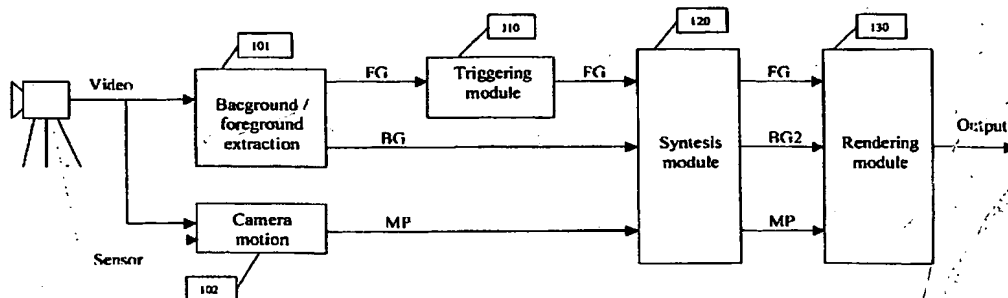
PCT

(10) International Publication Number
WO 01/78050 A3

- (51) International Patent Classification⁷: **H04N 5/262**
- (21) International Application Number: **PCT/US01/11316**
- (22) International Filing Date: **6 April 2001 (06.04.2001)**
- (25) Filing Language: **English**
- (26) Publication Language: **English**
- (30) Priority Data:
60/195,233 **7 April 2000 (07.04.2000)** **US**
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- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
- (88) Date of publication of the international search report:
21 February 2002
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **AUTOMATED STROBOSCOPING OF VIDEO SEQUENCES**

schematic block diagram of apparatus for automated stroboscoping



(57) Abstract: Standard video footage even from a single video camera (Video) can be used to obtain, in an automated fashion (101,102,110,120,130), a stroboscope sequence of a sports event, for example. The sequence may be represented as a static images of a photographic nature, or by a video sequence in which camera motion remains present, in which case the video sequence can be rendered as a panning camera movement on a stroboscope picture or as an animated stroboscope sequence in which the moving object leaves a trailing trace of copies along its path. Multiple cameras can be used for an expanded field of view or for comparison of multiple sequences, for example.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US01/11316

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H04N 5/262

US CL : 375/240.08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 375/240.08, 240.01, 240.10

348/579

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4,168,510 B1 (KAISER) 18 SEPTEMBER 1979, THE FIG.	1-38
X	US 5,923,365 B1 (TAMIR ET AL.) 13 JULY 1999, Figs. 3A, 3B, col 8, line 48-col. 11, line 55.	1-38
A	US 5,953,056 B1 (TUCKER) 14 SEPTEMBER 1999 Fig. 3.	1-38

☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

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"I" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"Z" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

29 MAY 2001

Date of mailing of the international search report

11 OCT 2001

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